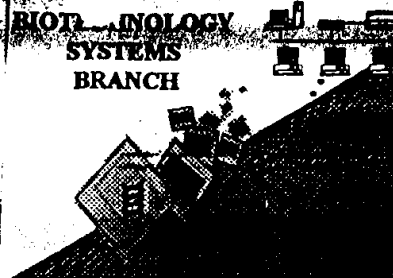


## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/676,053

Source: OIPE

Date Processed by STIC: 10-10-00

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin30help@uspto.gov](mailto:patin30help@uspto.gov) or phone 703-306-4119 (R. Wax)

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST 25

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING      DATE: 10/13/2000  
 PATENT APPLICATION      US/09/676,053      TIME: 16:00:19

Input Set : A:\17044 DIV SEQLIST.txt  
 Output Set: N:\CRF3\10102000\1676053.raw

Does Not Comply  
 Corrected Diskette Needed

See pp. 1, 2, 3

1 <13> ABBREVIATION: Dolly, James Oliver  
 2 <14> Aka: Roger Kei  
 3 <15> Wheeler, Larry Allen  
 4 <16> Grant, Michael Elwood  
 5 <17> TITLE OF INVENTION: MODIFICATION OF CYTOSKELETAL TAGS FOR  
 6 <18> USE AS TRANSPORT PROTEINS  
 7 <19> FILE REFERENCE: 17044DIV  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/676,053  
 C--> 15 <141> CURRENT FILING DATE: 2000-09-28  
 15 <150> PRIOR APPLICATION NUMBER: 08/750,151  
 16 <151> PRIOR FILING DATE: 1997-05-01  
 16 <152> PRIOR APPLICATION NUMBER: PCT/GB/01384  
 17 <153> PRIOR FILING DATE: 1995-05-31  
 21 <154> PRIOR APPLICATION NUMBER: UK 9410871.0  
 22 <155> PRIOR FILING DATE: 1994-05-31  
 24 <156> PRIOR APPLICATION NUMBER: UK 9410871.1  
 25 <157> PRIOR FILING DATE: 1994-05-31  
 27 <160> NUMBER OF SEQ ID NOS: 13  
 29 <170> SOFTWARE: FastSeq for Windows Version 4.0  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 33  
 33 <212> TYPE: DNA  
 34 <213> ORGANISM: Artificial Sequence  
 W--> 36 <220> FEATURE:  
 W--> 36 <223> OTHER INFORMATION:  
 36 <400> SEQUENCE: 1  
 37 gaaatggagacatgacaat aaccataaat aat  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 32  
 41 <212> TYPE: DNA  
 42 <213> ORGANISM: Artificial Sequence  
 W--> 44 <220> FEATURE:  
 W--> 44 <223> OTHER INFORMATION:  
 44 <400> SEQUENCE: 2  
 45 accggaagac tttatcatgc agttctatta ta  
 47 <210> SEQ ID NO: 3  
 48 <211> LENGTH: 40  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Artificial Sequence  
 W--> 52 <220> FEATURE:  
 W--> 52 <223> OTHER INFORMATION:  
 52 <400> SEQUENCE: 3  
 53 tagtacatgt ataatgtcgt gcattaatag  
 55 <210> SEQ ID NO: 4  
 56 <211> LENGTH: 20  
 57 <212> TYPE: DNA  
 58 <213> ORGANISM: Artificial Sequence

33

Many mutations <220> <223>  
 features to explain the source  
 of the Artificial sequence.  
 See #12 on Error Summary  
 Sheet.

39

RAW SEQUENCE LISTING  
 PATENT APPLICATION US/09/676,053

DATE: 10/10/2000  
 TIME: 16:20:19

Input Set : A:\17044 DIV SEQLIST.txt  
 Output Set: N:\CRF3\10102000\I676053.raw

W--> 60 <220> FEATURE:  
 W--> 60 <223> OTHER INFORMATION:  
 60 <400> SEQUENCE: 4  
 61 ttatataatgt actacatggt  
 63 <210> SEQ ID NO: 4  
 64 <211> LENGTH: 23  
 65 <212> TYPE: DNA  
 66 <213> ORGANISM: Artificial Sequence  
 W--> 68 <220> FEATURE:  
 W--> 68 <223> OTHER INFORMATION:  
 68 <400> SEQUENCE: 5  
 69 aaaggccttt tcttaataaa cda  
 71 <210> SEQ ID NO: 5  
 72 <211> LENGTH: 26  
 73 <212> TYPE: DNA  
 74 <213> ORGANISM: Artificial Sequence  
 W--> 76 <220> FEATURE:  
 W--> 76 <223> OTHER INFORMATION:  
 76 <400> SEQUENCE: 6  
 77 gqaatttctta ctatttgtat ccttta  
 79 <210> SEQ ID NO: 6  
 80 <211> LENGTH: 18  
 81 <212> TYPE: DNA  
 82 <213> ORGANISM: Artificial Sequence  
 W--> 84 <220> FEATURE:  
 W--> 84 <223> OTHER INFORMATION:  
 84 <400> SEQUENCE: 7  
 85 gcaatcgaac ttatacat  
 87 <210> SEQ ID NO: 7  
 88 <211> LENGTH: 18  
 89 <212> TYPE: DNA  
 90 <213> ORGANISM: Artificial Sequence  
 W--> 92 <220> FEATURE:  
 W--> 92 <223> OTHER INFORMATION:  
 92 <400> SEQUENCE: 8  
 93 atataaagt tgatgtgc  
 95 <210> SEQ ID NO: 8  
 96 <211> LENGTH: 18  
 97 <212> TYPE: DNA  
 98 <213> ORGANISM: Artificial Sequence  
 W--> 100 <220> FEATURE:  
 W--> 100 <223> OTHER INFORMATION:  
 100 <400> SEQUENCE: 9  
 101 aactatata tgaatggac  
 103 <210> SEQ ID NO: 9  
 104 <211> LENGTH: 18  
 105 <212> TYPE: DNA  
 106 <213> ORGANISM: Artificial Sequence  
 W--> 108 <220> FEATURE:  
 W--> 108 <223> OTHER INFORMATION:  
 108 <400> SEQUENCE: 10  
 109 aactatata tgaatggac  
 111 <210> SEQ ID NO: 10  
 112 <211> LENGTH: 18  
 113 <212> TYPE: DNA  
 114 <213> ORGANISM: Artificial Sequence

*refer to p. 1*

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/676,053

DATE: 10/13/2000  
TIME: 16:00:19

Input Set: A:\17044 DIV SEQLIST.txt  
Output Set: N:\CRF3\10102000\1676053.raw

```

W--> 108 <223> OTHER INFORMATION:
108 <100> SEQUENCE: 10
108 <110> SEQ ID NO: 11
108 <211> LENGTH: 13
108 <212> TYPE: PR1
108 <213> ORGANISM: Unknown
W--> 116 <220> FEATURE:
W--> 116 <223> OTHER INFORMATION:
116 <100> SEQUENCE: 11
116 Cys Ala Asn Gln Arg Ala Thr Lys Met Leu Gly Ser Gly
118 1 5 10
116 <110> SEQ ID NO: 12
116 <211> LENGTH: 29
116 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
W--> 125 <220> FEATURE:
W--> 125 <223> OTHER INFORMATION:
125 <100> SEQUENCE: 12
125 atttaccacaa taaccatataa taattttag
126 <110> SEQ ID NO: 13
126 <211> LENGTH: 26
126 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
W--> 133 <220> FEATURE:
W--> 133 <223> OTHER INFORMATION:
133 <100> SEQUENCE: 13
133 cgggagcttt ctatatacatt gtaaat
134 1 10 20
W--> 135 17044DIV PATENT
W--> 136 Serial No. Not yet assigned
136 1

```

*refer to  
P. 1*

↓  
*Extraneous material at end of  
file must be deleted. It is  
causing invalid count errors in  
sequence # 13*

## VERIFICATION SUMMARY

PATENT APPLICATION US/09/676,053

DATE: 10/10/2009

TIME: 16:52:00

Input Set: A:\17044 DIV SEQLIST.txt

Output Set: N:\CRF3\10102000\I676053.raw

L:13 M:170 C: Current Application Number differs. Replaced Current Application No.  
 L:13 M:171 C: Current Filing Date differs. Replaced Current Filing Date.  
 L:36 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:36 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:44 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:44 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:53 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:53 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:61 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:61 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:68 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:68 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:75 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:75 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:81 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:81 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:92 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:92 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:100 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:100 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:108 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:108 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:116 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:116 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:125 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:125 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:133 M:158 W: Mandatory Feature missing. <220> FEATURE.  
 L:133 M:158 W: Mandatory Feature missing. <223> OTHER INFORMATION.  
 L:135 M:334 W: (2) Invalid Amino Acid in Coding Region. NUMBER OF INVALID KEYS:2  
 L:136 M:335 W: Invalid Amino Acid Number in Coding Region. SEQ ID:13  
 L:136 M:334 W: (2) Invalid Amino Acid in Coding region. NUMBER OF INVALID KEYS:4